DOCUMENT RESUME

ED 072 923 SE 014 180

TITLE	Aviation Education Services and Resources.
INSTITUTION	Federal Aviation Administration (DOT), Washington, D.C. Office of General Aviation.
REPORT NO	GA-300-2
PUB DATE	May 72
NOTE	24p.
EDRS PRICE	MF-$0.65 HC-$3.29
DESCRIPTORS	Aviation Mechanics; *Aviation Technology; Educational Programs; *Educational Resources; *Films; Instructional Materials; *Resource Materials; *Science Education; Science Materials; Technical Education

ABSTRACT

A list of sources of information and material relating to aviation education is presented in this pamphlet issued in May, 1972. Following a brief description of the mission of the Federal Aviation Administration (FAA), reference materials mostly appropriate for school use are incorporated under the headings: Aviation Education Workshops, Careers in Aviation, Educational Films, Filmstrip Packages, and National Education Programs. Included in additional sources are an introductory description of an aviation-environment bibliography and a two-semester high school course outline in aeronautical science. Selected films produced between 1962 and 1971 are annotated and the availability of a teacher's guide is indicated for the film series entitled "History of Flight Series." The addresses of distribution units and FAA regional offices are also provided. (CC)

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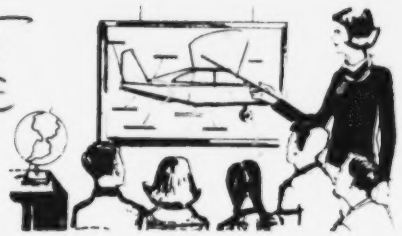

AVIATION EDUCATION

DEPARTMENT OF TRANSPORTATION/FEDERAL AVIATION ADMINISTRATION
OFFICE OF GENERAL AVIATION/WASHINGTON, D.C. 20591

AVIATION EDUCATION
SERVICES AND RESOURCES

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
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MAY 1972

SE 014 180

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Aviation Education Programs Division
Washington, D.C. 20591

GA-300-2

AVIATION EDUCATION SERVICES AND RESOURCES

The Federal Aviation Administration receives many requests for aviation education services and resources. The Aviation Education Staff of the Office of General Aviation provides this list of sources of information and material for ready reference.

Decentralization of the Federal Aviation Administration makes it possible to obtain specific information or assistance at the local level through the FAA Regional Offices. Their addresses are listed inside the back cover of this pamphlet.

This publication is available for participants in aviation education workshops, aviation and education organizations, educators, students, and anyone interested in learning more about aviation today.

AVIATION EDUCATION SERVICES AND RESOURCES

Services and Resources of the Federal Aviation Administration

The mission of the Federal Aviation Administration is to provide safety and service to persons using the airways system, and to the public-at-large.

FAA's Office of General Aviation provides educational consultant help to schools and colleges. Regional offices (listed in back of this booklet) also provide aviation advice and assistance to educational institutions and workshops. Information is made available by FAA to these groups, as well as to the general public and the aviation community, through many media including motion pictures, slides, speeches, exhibits, and publications. (See section entitled FILMS for listing and address.)

Free publications are available through FAA Regional Public Affairs Offices and from the DOT Distribution Unit, TAD - 484.3, 800 Independence Avenue, S.W., Washington, D.C. 20591. Please include self-addressed mail label when requesting materials.

FAA publications of interest to the aviation community and the general public are listed in an annual catalog, "FAA Publications," also available free on request to the DOT Distribution Unit.

AVIATION EDUCATION WORKSHOPS

Aviation Education Workshops for teachers are held at numerous colleges and universities. These workshops are

generally of two types -- summer workshop sessions usually held from one to eight weeks with undergraduate and graduate credit granted depending upon the institution concerned; or, in-service workshops which are held throughout the year for teachers ranging from one and two sessions up to fifteen sessions held one or two nights a week for college credit used by a local school system for salary increments. Employees of the Federal Aviation Administration are frequently invited to participate in various phases of aviation education programs and asked to furnish professional educational advice and aviation education materials for the workshops. For names of colleges conducting workshop programs or for professional consultant help in planning a workshop, contact: Chief, Aviation Education, GA-300, Office of General Aviation, Federal Aviation Administration, Washington, D.C. 20591.

CAREERS IN AVIATION

Some sources of information for civil aviation employment are:

Air Transport Association of America, Information Services, 1000 Connecticut Avenue, N.W., Washington, D.C. 20036. This association represents the nation's scheduled airlines.

Engineers' Council for Professional Development, 345 East 47th Street, New York, New York 10017. General guidance information on careers in engineering and engineering technology. Upon specific request we will send information on careers in the aeronautical and astronautical field

General Aviation Manufacturers Association, Suite 1215, 1025 Connecticut Avenue, N.W., Washington, D.C. 20036. "Aviation Career Guides" -- This series of five booklets provides comprehensive information on general aviation careers to high school teachers, students, and guidance counselors. Written in the first person, each booklet

explains how to qualify for aviation careers, details of various jobs, and the challenges and responsibilities encountered. The five booklets are: "Mr. Aviation"; "Airworthy"; "Going-Up"; "Help-Mate"; and "Sky-School".

National Aerospace Education Association, 310 Shoreham Building, 806 15th Street, N.W., Washington, D.C. 20005. One of the most recent and informative publications on careers is entitled, "Career Opportunities in Aviation" and can be purchased from NAEA for $.50. This booklet contains a general survey of aviation career opportunities and detailed coverage of the aviation mechanic field including related high schools, how to get started, complete roster of FAA certificated mechanic schools and sample FAA examination questions (oral, practical and written). It also includes the results of a recent industry survey covering airline flight officer employment, qualifications and opportunities. It is a 24-page publication.

National Association of State Aviation Officials, Suite 802, 1000 Vermont Avenue, N.W., Washington, D.C. 20005. Some State Departments of Aeronautics provide technical assistance in planning and conducting aviation education workshops and in teacher orientation and flight instructor programs. NASAO can give you the address of the State Department of Aeronautics in your particular state.

National Aviation Trades Association, 1156 Fifteenth Street, Washington, D.C. 20005. Information is available for general aviation careers only.

Federal Aviation Administration, 800 Independence Avenue, S.W., Washington, D.C. 20591. FAA publishes free of charge an Advisory Circular and Status of Federal Aviation Regulations (AC 00-2) which provides titles of publications dealing with aviation subjects, many of which will be of interest to teachers of all levels, aviation education workshop directors, airmen and any person desiring to learn to fly or to follow a career in aviation. Copies

may be obtained from your nearest FAA Airport Control Tower, Flight Service Station, General Aviation District Office, or Regional Office, (see inside back cover for Regional Offices) or from DOT Distribution Unit, TAD - 484.3, 800 Independence Avenue, S.W., Washington, D.C. 20591.

FILMS

A few selected educational films are listed below that can be borrowed without charge from the Film Library, AC-921, Federal Aviation Administration Academy, P.O. Box 25082, Oklahoma City, Oklahoma 73125. For a copy of FAA Film Catalog, 1971, send a self-addressed mailing label with your request to Federal Aviation Administration, HQ-406, 800 Independence Avenue, S.W., Washington, D.C. 20591.

A Traveler Meets Air Traffic Control (FA-102) -- A relatively simple explanation of FAA's Air Traffic System, the film depicts departure, enroute and arrival air traffic control services provided to a jet air carrier which departs Chicago's O'Hare Airport and lands at Los Angeles International Airport. Color. 33 Minutes, 1963.

Aviation Mechanic (FA-315) -- Portrays the vital importance of the work performed by airline and general aviation mechanics as well as the technical training available to students. This film provides an insight into the varied skills and opportunities found in civil aviation today. 17 Minutes. Color. 1964.

Aviation Workshop (FA-605) -- A behind-the-scenes look at the many career functions of the Federal Aviation Administration. Contains selected sequences from previously produced FAA motion pictures to emphasize the career opportunities of the FAA. These describe the

FILMS (Continued)

Aviation Workshop (FA-605) (Continued)
varied activities of the Air Traffic Service, Office of Aviation Medicine, FAA Academy, Systems Research and Development Service. For use in workshops only. Color. 28 Minutes. 1966.

Best Investment We Ever Made, The (FA-304) -- Describes the economic benefits of general aviation airports. Can be used most successfully in describing these benefits to local officials in communities without airports. Color. 23 Minutes. 1965.

Charlie (FA-618) -- As the narrator of this dramatic presentation says, "People do drink and fly, and they do get away with it. Dr. Charlie Preston works hard but he also knows when to let up. And like a lot of us, he does enjoy a drink. The fact is that a man's judgment is changed by alcohol -- even a little of it." For general aviation pilots. Color. 22 Minutes. 1967.

Density Altitude (FA-603-A) -- This film accompanies a young couple on a cross-country flight from New Orleans through the Rockies and the High Sierras. It dramatizes the effects of high altitude and temperature on light aircraft and demonstrates how pilots should operate under density altitude conditions. Color. 29 Minutes. 1966.

Flight (FA-117) -- A non-technical film which gives a general view of the Federal Aviation Administration in terms the layman can understand. The film traces the flight of a jet airliner from Los Angeles to New York, weaves in the various roles of FAA personnel who help safeguard the flight. Prize winner, New York Film Festival. Color. 28 1/2 Minutes. 1962.

Flying Clubs (FA-705) -- This film will provide background and guidance for a group of persons planning to form a flying club. It covers the advantages of flying clubs, how to organize, how to get members, purchasing and/or leasing equipment, relations with the fixed base operator and many other important areas. Color. 20 Minutes. 1969.

History of Flight Series -- The History of Flight Series was produced by the U.S. Navy in cooperation with the

FILMS (Continued)

History of Flight Series (Continued)

U.S. Archives, Smithsonian Institution and FAA. A teacher's guide is furnished with each segment. Narrated by Paul Garber, Historian Emeritus of the National Air and Space Museum, Smithsonian Institution.

1, Wright Brothers, Part I (FAN-105). Tells of the history of the Wright family and how they became intrigued with the problems of flight. Photographs made by the Wright Brothers help describe the events at Kitty Hawk. The film depicts their trial and error approaches that seemed to keep man from learning to fly. 28 Minutes. Black and white. 1971.

2. Wright Brothers, Part II (FAN-106). Mr. Garber describes the first powered flight carrying a man in a heavier-than-air machine. Other exploits by contemporaries of Orville and Wilbur in foreign countries are cited. 28 Minutes. Black and white. 1971.

3. Wright Brothers, Part III (FAN-107). The Wrights demonstrate their airplane in France and Italy. The beginning of flight training and the aircraft manufacturing industry is highlighted as the Wright Brothers fulfill their contract with the U.S. Army. Radio is used for the first time in airplane operation. 28 Minutes. Black and white. 1971.

4. Wright Brothers, Part IV (FAN-108). Paul Garber relates his association with the Wright Brothers around 1910. The film tells about the Gordon Bennett Trophy Race for speed, as well as other famous air meets. The beginnings of air mail and express, and the interests of the War Department are shown, along with the U.S. Navy's involvement with the airplane. 28 Minutes. Black and White. 1971.

5. Wright Brothers, Part V (FAN-109). The film traces the development of the aircraft industry with the merger of the Wright Company with the

FILMS (Continued)

5. Wright Brothers, Part V (FAN-109) (Continued).

Martin Aircraft Corporation. It shows the honors and memorials to the Wright Brothers that are evidence of their contributions to man and flight. 28 Minutes. Black and white. 1971.

How Airplanes Fly (FA-703) -- A smoke tunnel, orientation and live photography provide the viewer with an understanding of basic aerodynamics in layman's terms. This film is suitable for high school, college and aviation ground school programs. Color. 18 Minutes. 1969.

It Pays to Stay Open (FA-609) -- This film documents how low-cost lighting of airports, particularly utility-type airports, provides round-the-clock operations and can result in economic benefits to a community. Describes how business leaders of two Massachusetts communities, working with their State Aeronautics Commission and the Federal Aviation Administration, equipped their airports with low-cost runway and approach lighting. Color. 23 Minutes. 1966.

One Eye on the Instruments (FA-209) -- This film is designed to encourage general aviation pilots to take advantage of the FAA's Blue Seal Certification Program. It depicts a samll town airport and compares the flying ability of two of the local pilots. One is an old pro who flies by the "seat of his pants". The other is a younger pilot who has taken advantage of instrument training possibilities. The hazards of flying in IFR weather without instrument flying knowledge are vividly illustrated. Color. 15 1/2 Minutes. 1962.

Other Passenger, The (FA-601) -- Depicts the duties of an FAA Flight Operations Inspector as he observes the flight crew of a civil jet airliner enroute from Dulles International Airport to Mexico City. Features rare in-the-cockpit scenes of a jet during take-off and landing. Color. 30 Minutes. 1965.

Path to Safety (FA-612) -- Featuring Cliff Robertson, this film portrays some common mistakes made by general aviation pilots on or about airports. Primary causes

FILMS (Continued)

Path to Safety (FA-612) (Continued)
of these mistakes are demonstrated and the corrective action necessary to avoid these problems are explained. Color. 20 Minutes. 1967.

Rx for Flight (FA-606) -- Shows some of the aero-medical problems that face general aviation pilots. In a cause-and-effect manner, this film briefly covers such areas as alcohol, drugs, hypoxia, disorientation, smoking and safety equipment. Color. 18 Minutes. 1966.

This is FAA (FA-708) -- A brief, non-technical film which gives a general view of the Federal Aviation Agency in terms the layman can understand. The film spotlights the roles of FAA personnel who help safeguard flight. Color. 7 Minutes. 1966.

Wake Turbulence (FA-610) -- Depicts how vortices wake turbulence if formed, the hazards it presents to aircraft, - particularly those in the process of landing or taking off and suggests techniques in avoiding the effects of this phenomena. 16 Minutes. 1970.

Films on Weather:

Cold Front, The (FAN-103) -- This film, in animation, explains the formation, characteristics and dangers of a cold front. It demonstrates how to avoid the hazards of the cold front, by either high or low level flight. Color. 9 Minutes. 1962.

Fog and Low Ceiling Clouds - Advection Fog and Ground Fog (FAN-101)
This film in full color, uses animation to discuss the characteristics and conditions conducive to fog, with a brief explanation of the theory of fog formation. 23 Minutes. 1962.

Fog and Low Ceiling Clouds - Upslope Fog and Frontal Fog (FAN-102)
This film using animation, illustrates how upslope fog,

Films on Weather:(Continued)

Fog and Low Ceiling Clouds - Upslope Fog and Frontal Fog (FAN-102) (Continued)
frontal fog and low stratus clouds are generated. Warm front fog and cold front fog are compared, their formation analyzed, and their effect on flying is discussed. Color. 9 Minutes. 1962.

The following film is also available from the FAA Film Library.

THE WIND IS RIGHT (FAC-135) - Film shows how high school students constructed a single place biplane as an Industrial Arts project and watched it fly -- discovering in the process the exciting, growing world of general aviation. Also includes broad over-view of aviation education programs at primary and secondary school levels, featuring comments by participating students, teachers and industry officials on the benefits derived. Particular interest to school administrators, educators and civic groups, and high school classes and guidance seminars. Color. 28 1/2 Minutes. 1972. Produced by Aviation Distributors and Manufacturers Association, 1900 Arch Street, Philadelphia, Pennsylvania 19103.

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The following filmstrip package may be obtained for $10.00 from the National Aerospace Education Association, Room 310, 806 15th Street, N.W., Washington, D.C. 20005.

"AVIATION - WHERE CAREER OPPORTUNITIES ARE BRIGHT" - A film strip package produced as a cooperative project by the Division of Vocational and Technical Education, U.S. Office of Education; the Office of General Aviation, Federal Aviation Administration, with the cooperation

"AVIATION - WHERE CAREER OPPORTUNITIES ARE BRIGHT"
(Continued)

of the nation's aviation industry. Package consists of: Filmstrip -- 156 frames in color, Parts 1 and 2, Recording -- 33-1/3 rpm, 2 sides, 28 1/2 minutes.

* *

NATIONAL EDUCATION PROGRAMS

A wide range of materials and services are available to educators from government agencies and private organizations. Materials and service include teaching aids, curriculum development, course outlines, audio-visual aids and speakers. When writing for information, please state whether for elementary, secondary, college, vocational-technical. Enclosure of a self-addressed mailing label will assure faster service.

Aviation Distributors and Manufacturers Association, 1900 Arch Street, Philadelphia, Pennsylvania 19103. A non-profit organization which produces an Aviation Education News Bulletin ($3 per year) providing information on latest developments in aviation education at all educational levels, including listings of latest resource material available and new school and Government programs. Serves as unofficial information center for sources of information on aviation education, career opportunities, etc. Offers motion picture (sound, color, 28-1/2 min.) "The Wind Is Right," centering on many facets of aviation education, and particularly how high school students built a single place biplane and watched it fly; especially recommended for school administrators, educators and civic groups.

Air Force Junior Reserve Officer Training Corps, Department of the Air Force, Maxwell Air Force Base, Ala. 36112. The high schools participating in the AF JROTC offer a course of instruction not less than three years long with a minimum of 96 hours of instruction per year. Aerospace Education I covers an introduction to aerospace education, consisting of an initial exploration of aerospace matters and an orientation to the work of the USAF and to the customs and courtesies used by its members. Aerospace II is a study of selected areas of aeronautics: propulsion systems for aircraft, navigation, civilian aviation facilities and military aerospace. Aerospace III covers space technology and space programs and is a review of leadership opportunities for the students.

NATIONAL EDUCATION PROGRAMS (Continued)

Beech Aircraft Corporation, Attention Administrator - Aviation Education, Wichita, Kansas 67201. Beech's elementary material includes a brochure "The World of Beechcraft" depicting what makes an airplane fly and parts of a modern light airplane. Beech's high school aviation course is designed as an introductory, exploratory, career-type program to acquaint the students with the overall impact of aviation upon society and to familiarize them with the many opportunities in the field of aviation. On the college level, various syllabi are available which have been developed by Beech's college advisory curriculum committee. Free brochures and pictures of Beech products are available to teachers upon request.

Cessna Aircraft Company, Aviation Education Department P.O. Box 1521, Wichita, Kansas 67201. Cessna Aircraft Company has developed four levels of aviation education programs for schools:

Elementary Teacher Kit unit guide keyed to nine major understandings about aviation and today's world, with teaching strategies, display items, free loan films and newsletter service. Price of the Kit is $4.95.

High School guide for a basic course in aviation orientation, as well as selected materials and services; special Starter Packets as well as a regular mailing service to active course instructors is offered.

Programmed Assistance to Vocational Education is designed to make technical training packages and attendance at company training sessions available to schools on an enrollment basis.

For colleges, Cessna makes available selected materials and consultation tailored to the needs of the individual college.

Also offered is a special Boy Scout Aviation Merit Badge Kit for $1.50 and an International Packet designed for schools outside the U.S. in French, English, Spanish and German for $2.75.

NATIONAL EDUCATION PROGRAMS (Continued)

Civil Air Patrol, Maxwell Air Force Base, Alabama 36112. Civil Air Patrol sponsors three types of aerospace high school elective courses. They are based upon seven textbooks with correlated student workbooks, intructor guides, and color slides or film strips. Titles, in the usual sequence, are: Introduction to Aerospace; Challenge of Aerospace Power; Aircraft in Flight; Power for Aircraft; Navigation and the Weather; Airports, Airways and Electronics (to be called Airports and Airways when revised); and The Dawning Space Age. Each type of course features a regularly scheduled aerospace education elective in the high school curriculum, and may include cadet and non-cadet students:

TYPE A: The Coordinated CAP - High School Elective. This elective is independent of the full CAP cadet program. (The full cadet program, in addition to aerospace education, includes a variety of activities, physical fitness, moral leadership training, and leadership training in military customs and courtesies.)

TYPE B: CAP Squadron - High School Associated Program. Also independent of the CAP cadet program except that cadet students are also members of a local CAP cadet squadron.

TYPE C: High School Squadrons: School personnel not only conduct the aerospace education portion of the cadet program, but also the other elements.

Experimental Aircraft Association, P.O. Box 229, Hales Corners, Wisconsin 53130. This private organization, founded to promote the design and construction of light aircraft by amateurs, assists public schools to initiate aircraft construction programs by making available aircraft plans and manuals. Write for further information on the school program, the annual EAA Fly-In, and the Air Education Museum, where over 80 different historical and sport airplanes are housed.

NATIONAL EDUCATION PROGRAMS (Continued)

General Aviation Manufacturers Association, Suite 1215, 1025 Connecticut Avenue, N.W., Washington, D.C. 20036. The General Aviation Manufacturers Association produces a variety of materials for use in elementary, secondary and college level aviation programs. A list of aviation education materials available from its 22 member companies is free upon request.

Hobby Industry Association of America, Inc., 200 5th Avenue, New York, New York 10010. The Association, a non-profit national trade association representing the whole hobby industry, makes available to schools and other organizations basic flying models of balsa wood and paper. Simple to build and easily flown, the models, called Delta Darts, have a rubber-band-driven propeller. Kits include instructions for building and flying the Darts. For information write to HIAA.

National Aeronautics and Space Administration, NASA provides aerospace-related educational services to teachers, supervisors, and administrators of the several grade levels. These services are designed to acquaint educators with the nature and results of NASA's activities in aeronautical and space research and development. The NASA educational services include assistance in the organizing and conduct of courses, workshops, institutes, and conferences in the providing of programs for schools and classrooms, and in the revision and updating of curricula. NASA also develops booklets and films of a general interest nature and publications of the curriculum supplement type. The educator interested in obtaining further information about NASA's educational services should contact the NASA Center Educational Programs Officer who serves his state. See below.

NASA Educational Offices, NASA publications should be ordered from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Publication lists and film lists are available from the offices listed below. Inquiries about other services may be directed to the Educational Office at the NASA center serving your state. See the following page for addresses.

NATIONAL EDUCATION PROGRAMS (Continued)

NASA Educational Offices (Continued)

Write to Educational Office at: NASA Ames Research Center, Moffett Field, California 94035, if you live in: Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming.

Write to Educational Office at: NASA George C. Marshall, Space Flight Center, Marshall Space Flight Center, Alabama 35812, if you live in: Alabama, Arkansas, Iowa, Louisiana, Mississippi, Missouri, Tennessee.

Write to Educational Office at: NASA Goddard Space Flight Center, Greenbelt, Maryland 20771, if you live in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

Write to Educational Office at: NASA John F. Kennedy Space Center, Kennedy Space Center, Florida 32899, if you live in: Florida, Georgia, Puerto Rico, Virgin Islands.

Write to Educational Office at: NASA Langley Research Center, Langley Station, Hampton, Virginia 23365, if you live in: Kentucky, North Carolina, South Carolina, Virginia, West Virginia.

Write to Educational Office at: NASA Lewis Research Center, 21000 Brookpark Road, Cleveland, Ohio 44135, if you live in: Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin.

Write to Educational Office at: NASA Manned Spacecraft Center, Houston, Texas 77058, if you live in: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas.

Piper Aircraft Corporation, Attention: Manager of Air Science Education, Lock Haven, Pennsylvania 17745. Piper institutional services include assistance in planning curricular and extra-curricular aviation education activities, materials for classroom use

NATIONAL EDUCATION PROGRAMS (Continued)

Piper Aircraft Corporation (Continued)
such as instructional charts, free loan films, service publications for technical schools and other special services arranged through Piper dealers and Flite Centers at the local level.

Sanderson-Times Mirror, Aviation/Aerospace Education Marketing Division, 8065 E. 40th Avenue, Denver, Colorado 80207. Sanderson offers first a professional education counseling service on Aviation/Aerospace Education irrespective of materials purchase. A free publication is available entitled, "Aviation/Aerospace Education High School And College Planning Guide." Collect "person-to-person" calls may be made to "Education Counseling Service" at Area (303) 399-7250 for immediate assistance or to answer specific questions.

Secondly, Sanderson has Instructor Guides on either an Aviation Fundamentals course of one semester duration, or an Aviation/Aerospace Fundamentals course for either one or two semesters. Complete multi-media materials are available for both courses including audio-visuals (filmstrips with cassettes or records), overhead projection transparencies, classromm teaching aids, full course textbooks, student exercise books, exams and supplemental materials.

Teachers with or without aviation/aerospace experience will find all or parts of the Sanderson materials of great value in successfully conducting a course or courses in the subject field.

States - Many states have formed Aerospace Education Associations, members of which include teachers of elementary, secondary, and college levels. Much valuable curriculum development is underway in the various state organizations. For information regarding your particular state, write to National Aerospace Education Association, 310 Shoreham Building, 806 15th Street, N.W., Washington, D.C. 20005, or National Association of State Aviation Officials, Suite 802, 1000 Vermont Ave., N.W., Washington, D.C. 20005.

NATIONAL EDUCATION PROGRAMS (Continued)

Government Aviation Publications - Price List 79, issued by the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, contains a complete list of those publications available for public sale prepared by military and civilian departments of the U.S. Government. Publications include various subjects concerning the following:

Aerodynamics
Air Laws
Air Traffic Control
Aircraft
Aircraft Noise
Airlines
Airports
Aviation History
Decisions of the Civil Aeronautics Bd.
Federal Aviation Regulations
Fire Fighting
Flight
Instrument Flying
Pilots
Rotorcraft
Safety
Survival
Weather
Wright Brothers

ADDITIONAL SOURCES OF SPECIFIC INTEREST

The Federal Aviation Administration often receives inquiries concerning (1) civil rights and equal employment opportunities, and (2) aviation and the environment, areas which are interrelated to the educational goals and the mission of the FAA.

1. Office of Civil Rights, Federal Aviation Administration, 800 Independence Avenue, S.W., Washington, D. C. 20591.

The Director of the Office of Civil Rights is the principal staff advisor to the FAA Administrator on matters of Civil Rights and Equal Employment Opportunity. In this capacity he is delegated authority to act for, represent, and speak for the Administrator.

Among other things, the Office of Civil Rights is engaged in helping minority and female persons to orient themselves to trends in the current labor market, by helping them to gain needed skills, confidence and attitudes. In doing so, it often acts as an information source for educational and training programs, available funding sources and vocational occupations where career and advancement opportunities exist.

The Office of Civil Rights also acts as an information source on matters relating to: (1) Equal Opportunity for all qualified persons employed by or seeking employment with the FAA; (2) Insuring compliance in government and Federally assisted contracts administered by FAA and (3) Promoting affirmative programs and activities as they relate to housing and urban development affecting minority persons.

The Office of Civil Rights maintains a continuing interface with the Office of General Aviation to explore programs of mutual interest in a climate of open communication and coordination in all possible areas of cooperation.

2. Bibliography, "Aviation and the Environment," DOT Distribution Unit, TAD - 484.3, 800 Independence Avenue, S.W., Washington, D.C. 20591. "Aviation and the Environment" is a selected, annotated bibliography related to aviation's responses toward improving the environment. The listings are appropriate for upper elementary, secondary and college students, teachers, and the general public. It was prepared by the Women's Advisory Committee on Aviation.

3. AERONAUTICAL SCIENCE COURSE OF STUDY
A Two-Semester High School Course Developed by California Educators

This up-to-date aeronautical course outline provides material teachers may use in establishing aviation and space programs in their science classes. It is

now available from the Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402, at $2.25 a copy. There is a 25% discount for orders of 100 copies or more sent to one address. Allow six to eight weeks for delivery.

The course outline is divided into the eleven units listed below. These may be used singly or as the basis for an entire course, and may be organized into any order the instructor desires. The editorial committee selected those texts and sources that, in their opinion, were leaders in the field and that best suited this particular course outline. The sources are by no means all-inclusive, but are intended to save the instructor a time-consuming search through the massive amount of material available on the many subjects presented here.

Basic Aeronautics
Meteorology
Navigation
Federal Aviation Regulations
Speed of Sound
Physiology of Flight
Man in Space
History of Aviation
Economic Factors of Aviation & Space
Flight Indoctrination
Flight Training

Aeronautical Science Course of Study, Catalog No. TD 4.8:Ae8, $2.25 per copy. Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

FEDERAL AVIATION ADMINISTRATION

Regional Offices

Alaskan Region (Alaska)
DOT/FAA
632 Sixth Avenue
Anchorage, Alaska 99501

Central Region (Iowa, Kansas, Missouri and Nebraska)
DOT/FAA
601 E. Twelfth Street
Kansas City, Missouri 64106

Eastern Region (Delaware, Maryland, New Jersey, New York, Pennsylvania, Virginia, and West Virginia)
DOT/FAA
JFK International Airport
Jamaica, New York 11430

Great Lakes Region (Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin)
DOT/FAA
3166 Des Plaines Avenue
Des Plaines, Illinois 60018

New England Region (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont)
DOT/FAA
154 Middlesex Street
Burlington, Massachusetts 01803

Northwest Region (Idaho, Oregon and Washington)
DOT/FAA
FAA Building
Boeing Field
Seattle, Washington 98108

Pacific Region (Guam, Hawaii, Samoa and Wake Island)
DOT/FAA
P.O. Box 4009
Honolulu, Hawaii 96813

Rocky Mountain Region (Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming)
DOT/FAA
10255 E. 25th Avenue
Aurora, Colorado 80010

FEDERAL AVIATION ADMINISTRATION

Regional Offices
(Continued)

Southern Region
DOT/FAA
P. O. Box 20636
Atlanta, Georgia 30320

(Alabama, Canal Zone, Florida, Georgia, Kentucky, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, and Virgin Islands)

Southwest Region
DOT/FAA
P. O. Box 1689
Fort Worth, Texas 76101

(Arkansas, Louisiana, New Mexico, Oklahoma and Texas)

Western Region
DOT/FAA
P. O. Box 92007
WorldWay Postal Center
Los Angeles, California 90009

(Arizona, Nevada and California)

Please address inquiries to the Public Affairs Officer in the respective region. If you request aviation education materials, include a self-addressed label containing your zip code.